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Date: June 16, 2004

Jane Keating

**PATENT**  
**90606.4**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Hirotaka KAJI

Serial No.: 10/809,680

Filing Date: March 26, 2004

For: ATTITUDE ANGLE CONTROL APPARATUS,  
ATTITUDE ANGLE CONTROL METHOD, ATTITUDE  
ANGLE CONTROL APPARATUS CONTROL  
PROGRAM, AND MARINE VESSEL NAVIGATION  
CONTROL APPARATUS

**INFORMATION DISCLOSURE STATEMENT**

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop PATENT APPLICATION  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit copies of the prior art listed on the attached Information Disclosure Statement (Form PTO-1449), including an English abstract and machine translation. The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicant respectfully requests that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: June 16, 2004

  
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Substitute for form 1449/PTO

**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/809,680
Filing Date	March 26, 2004
First Named Inventor	Hirota KAJI
Art Unit	3661
Examiner Name	unknown
Attorney Docket Number	90606.4

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	6,458,003	10/2002	Krueger	
	2	5,785,562	07/1998	Nestvall	

**FOREIGN PATENT DOCUMENTS**

Examine r Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>2</sup> Number-Kind Code <sup>3</sup> (if known)				
	3	JP 2001-152898 (English machine translation)	06/2001	JAPAN		X
	4	JP 08-040380 (English machine translation)	02/1996	JAPAN		X
	5	JP 06-040391 (English machine translation)	02/1994	JAPAN		X
	6	JP 05-008792 (English machine translation)	01/1993	JAPAN		X
	7	JP 63-301196 (English abstract)	12/1988	JAPAN		X
	8	JP 09-076992 (English machine translation)	03/1997	JAPAN		X
	9	JP 61-012498 (English abstract)	01/1986	JAPAN		X

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.